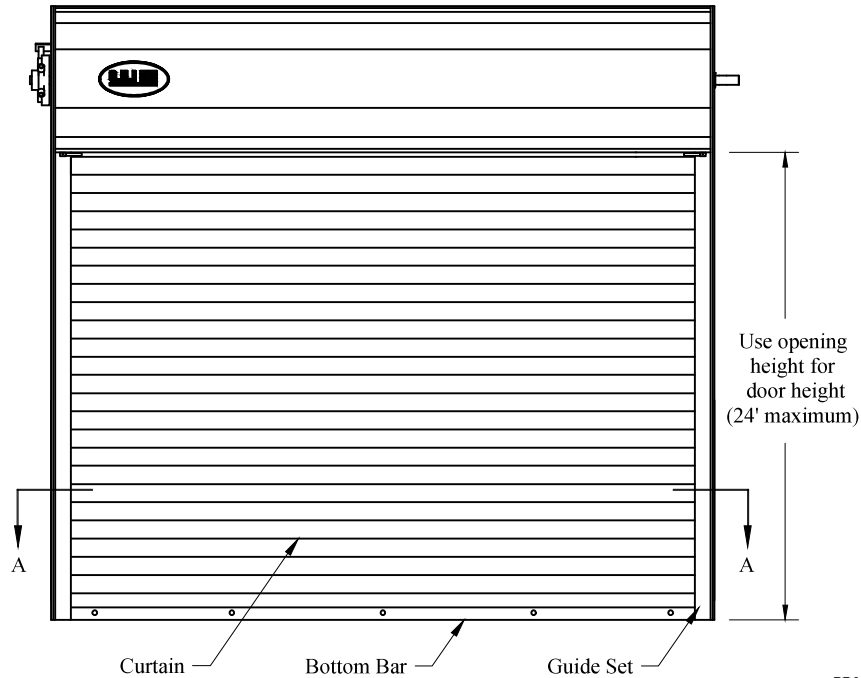
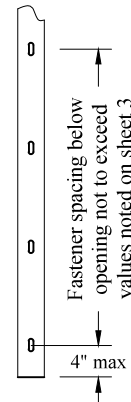
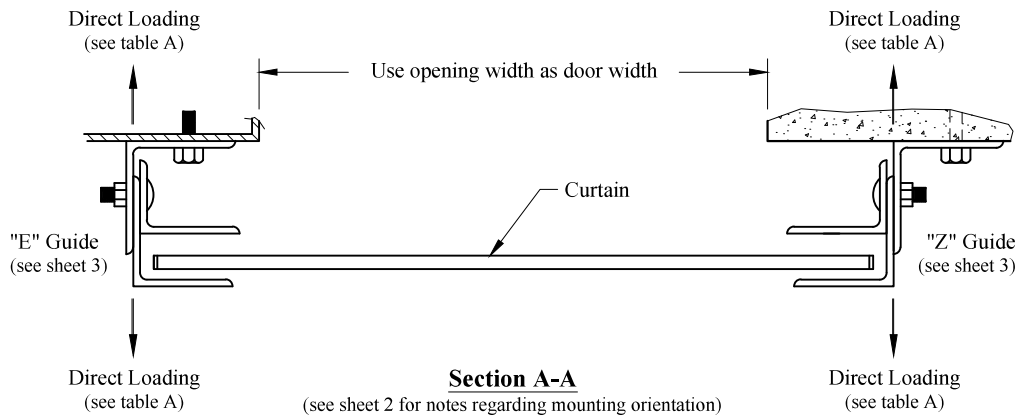




**Door Elevation**  
Guides and Hood visible



**Wall Angle to Jamb Attachment**



**Section A-A**

This door Complies with current FBC (See Eval Report)  
This door complies with IBC/IRC 2018/2021/2024 (Texas)  
Tested per ANSI/DASMA 108  
This door has not been tested for windborne debris

Digitally signed by John E Scates  
Date: 2026.08.17 20:23:15 -05'00'

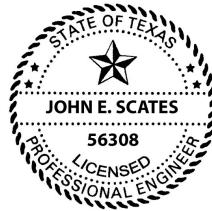
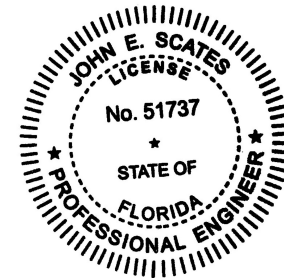
Professional Engineer's seal  
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Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies

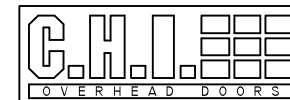
**Table A: Direct Loading**

(pounds per foot of door height per jamb)  
Direct loading forces occur in both (+) and (-) directions.  
Lower PSF exposures will generate lower values.

| door width | max pos psf (+) | direct loading | max neg psf (-) | direct loading |
|------------|-----------------|----------------|-----------------|----------------|
| 8'-04"     | 23.7            | 110            | 28.4            | 125            |
| 9'-04"     | 23.7            | 120            | 28.4            | 140            |
| 10'-04"    | 23.7            | 130            | 28.4            | 155            |
| 11'-04"    | 23.7            | 140            | 28.4            | 170            |
| 12'-04"    | 23.7            | 155            | 28.4            | 185            |
| 13'-04"    | 23.7            | 165            | 28.4            | 200            |
| 14'-04"    | 23.7            | 180            | 28.4            | 215            |



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Sheet 1 of 3

Rolling Steel Doors  
Models: 6202, 6222, & 6242

Tested Width  
14'-04"

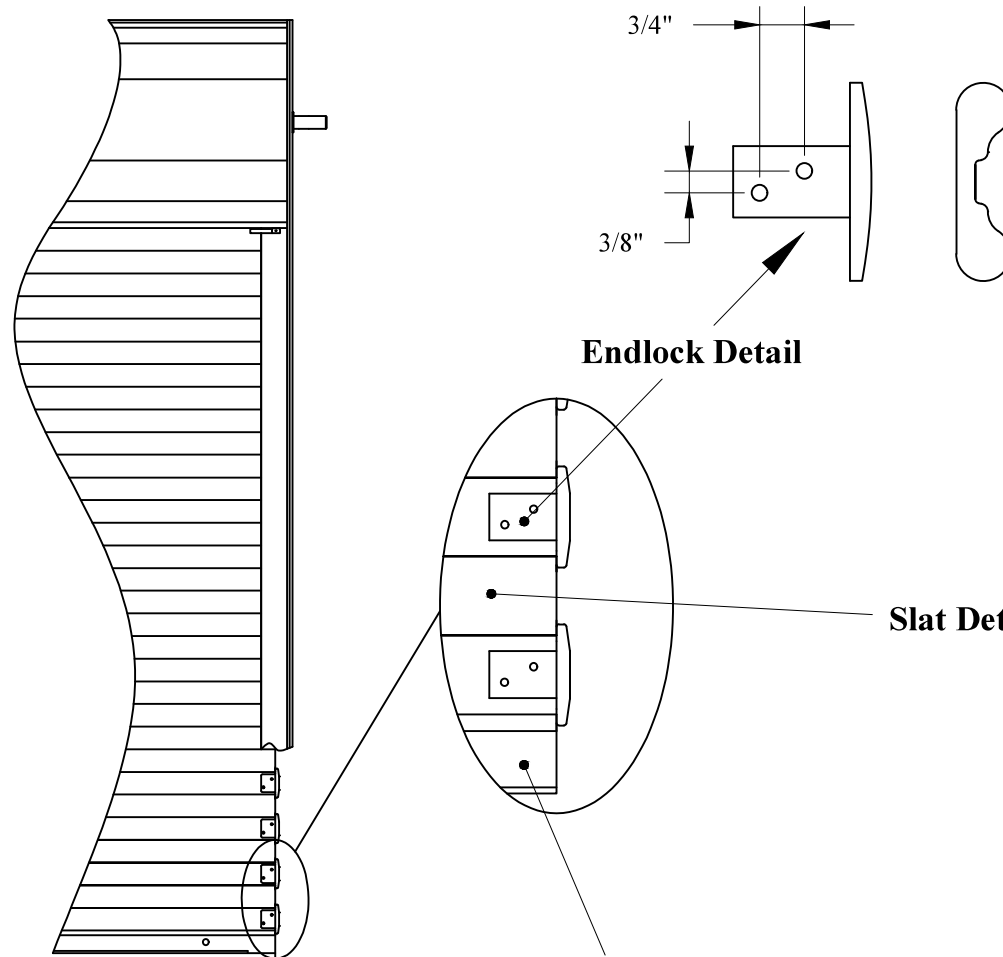
Tested Pressures (PSF)  
+23.7 / -28.4

Evaluated Widths  
up through 14'-04"

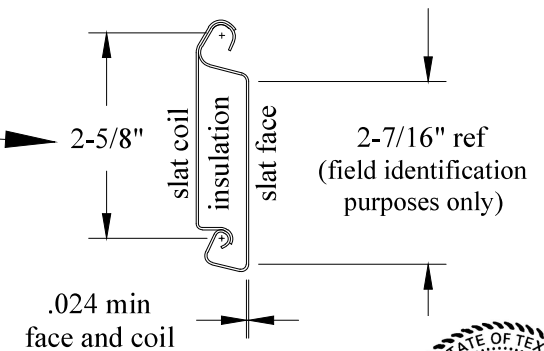
Drawing  
Z5-14-91007

## Interior / Exterior Mounted Doors

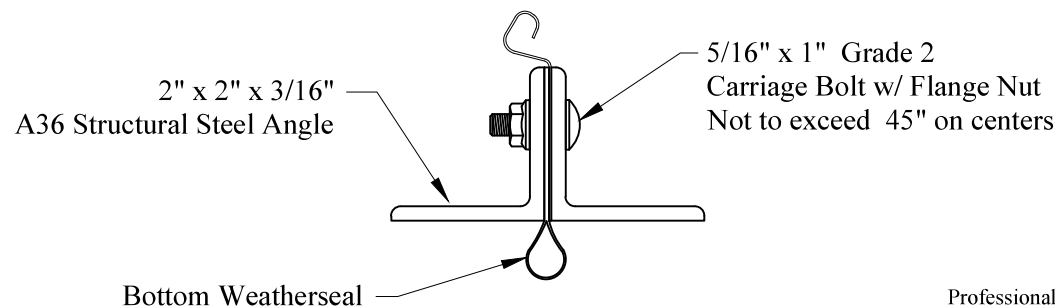
- Tested doors were installed with the slat face exposed to the listed positive (+) pressure values and the slat coil exposed to the listed negative (-) pressure values, typical for this type of door when mounted on the interior of an exterior wall. See detail below for slat terms.
- When this type of door is mounted on the exterior of an exterior wall, the slat coil is exposed to positive (+) pressure, the slat face exposed to negative (-) pressure. Pressures shown on the drawing need to be reversed, i.e. tested negative (-) pressure values are to be used for positive (+) pressure requirements, tested positive (+) pressure values are to be used for negative (-) pressure requirements.



**Slat Detail**

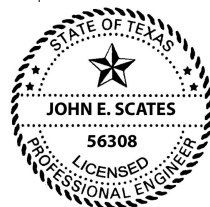
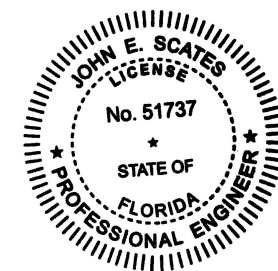


**Bottom Bar Detail**



## Door Elevation

Guide partially removed to reveal curtain details  
see page 1 for full elevation



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Sheet 2 of 3

Rolling Steel Doors  
Models: 6202, 6222, & 6242

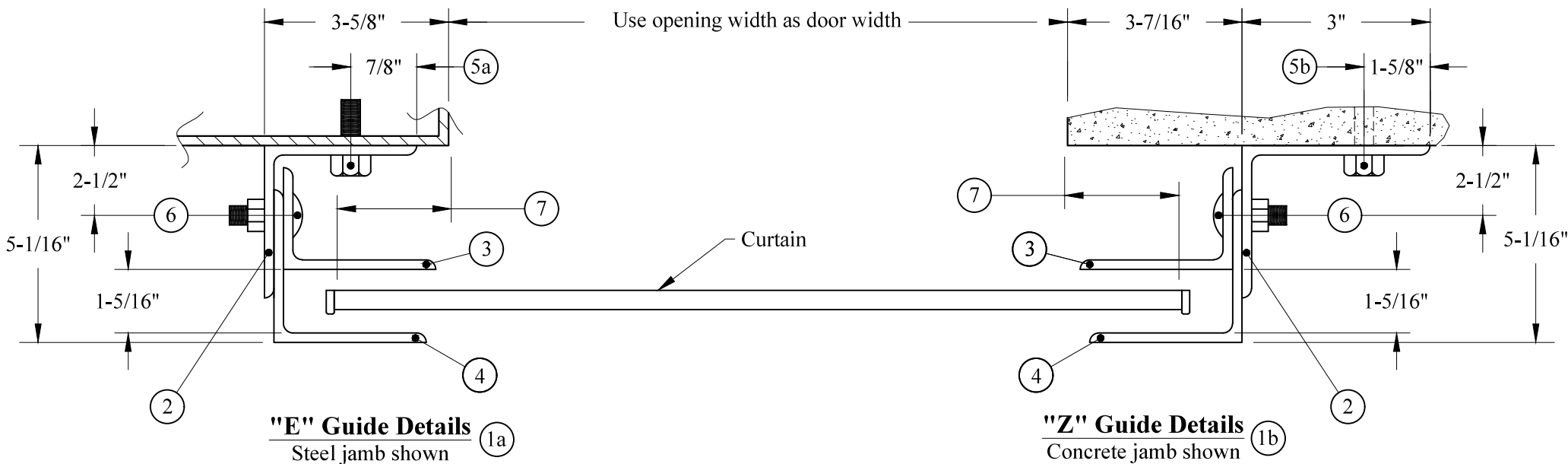
Tested Width  
14'-04"

Evaluated Widths  
up through 14'-04"

Tested Pressures (PSF)  
+23.7 / -28.4

Drawing  
Z5-14-91007

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1.) Jambs (by others) must be designed to withstand the direct loading forces shown on sheet 1, table A

1a: 3/16" min thickness A500 structural steel

or

1b: 2500 psi min concrete or

or

1b: 2000 psi min filled CMU

2.) Wall Angle

3" x 3" x 3/16" A36 structural steel

3.) Back Angle

2" x 3" x 3/16" A36 structural steel

4.) Face Angle

3" x 3" x 3/16" A36 structural steel

5a.) Wall Angle to Jamb Attachment

5a: Steel Jamb: Bolted

3/8"-16 x 1" ASME B18.6.3 self-tapping bolt, 48" max spacing

or

5a: Steel Jamb: Welded

3/16" fillet weld, E60 electrode, full slot perimeter, 48" max spacing

5b.) Wall Angle to Jamb Attachment

5b: Concrete Jamb: Bolted

Simpson Strong-Tie Titen HD 3/8" x 4", 30" max spacing

or

5b: Filled CMU Jamb: Bolted

Hilti KWIK Bolt 3 Wedge Anchor 5/8" x 5", 4" embedment, 19" max spacing

or

Hilti KWIK BOLT 3 Wedge Anchor 3/8" x 3-3/4", 2-1/2" embedment, 12" max spacing

or

5b: Concrete or Filled CMU Jamb: Through Bolted with Crush Plates

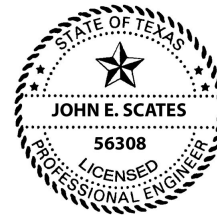
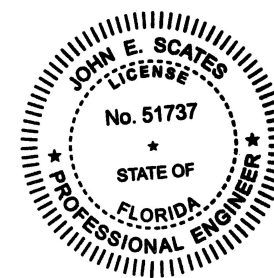
3/8"-16 bolt or rod (min 115,000 psi), nut, and 3/4" O.D. washers with 2-1/2" x 2-1/2" x 1/4" A36 steel or better crush plate 30" max spacing

6.) Guide to Guide Fasteners

3/8"-16 x 1-1/4" grade 2 carriage bolt, serrated-flange locknut, not to exceed 24" on centers

7.) Slat Length

Slat overlaps opening 2-3/8"



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DATE 12-17-2021

Sheet 3 of 3

Rolling Steel Doors

Models: 6202, 6222, & 6242

Tested Width  
14'-04"

Tested Pressures (PSF)  
+23.7 / -28.4

Evaluated Widths  
up through 14'-04"

Drawing  
Z5-14-91007

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